

In the Claims:

The following list of claims will replace all prior versions and listings of claims in the application.

1. (Original) Use of a calycin comprising a binding domain for binding at least one selected ligand and a targeting domain that binds to at least a part of a hair fibre and/or skin surface for targeting said calycin to said hair fibre and/or skin surface.
2. (Original) Use of claim 1 wherein the calycin further comprises an interaction domain which interacts with a such a domain on another calycin whereby they associate.
3. (Original) Use of claim 2 wherein the calycin is selected from a fusion protein and is a multimer.
4. (Previously Presented) Use of claim 1 wherein said binding domain and/or said targeting domain is endogenous to the calycin or calycin multimer.
5. (Previously Presented) Use of claim 1 wherein said binding domain and/or said targeting domain is adapted by alteration of the endogenous binding and/or targeting domain or by substitution of the endogenous binding and/or targeting domain for a domain that has the required functionally.
6. (Previously Presented) Use of claim 1 wherein said binding domain is adapted to bind more than one ligand.
7. (Original) Use of a claim 6 wherein the ligands bind to different respective binding domains found in different naturally occurring calycins.
8. (Previously Presented) Use of claim 1 wherein the at least one calycin has the ability to bind fatty acids that coat hair cuticles and/or skin or protein moieties that comprise the cuticle and/or skin.

9. (Previously Presented) Use of claim 1 wherein the at least one calycin is β -lactoglobulin.

10. (Previously Presented) Use of claim 1 wherein the at least one calycin is Major Urinary Protein and/or recombinant Major Urinary Protein.

11–18. (Canceled)

19. (Original) Use of hair or skin care composition at least one calycin as defined in claim 1.

20. (Original) Use according to claim 19 wherein said composition provides a cosmetic or therapeutic effect.

21. (Original) Use according to claim 20 wherein the cosmetic effect involves the targeting of said calycin to hair to provide a conditioning effect and/or the targeting of perfume or hair dye to hair to provide at least one desired effect.

22–24. (Canceled)

25. (Original) A method for the treatment of humans and/or animals and/or birds which involves the administration of a composition comprising a calycin to an individual and/or animal and/or bird to prevent and/or cure a condition affecting hair, fur, hide, feathers, scalp and skin.